

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION**

Applicants: Martin Carnall, et al
Serial No: 10/775,756 Group Art Unit: 3641
U.S. Patent No: 6,986,343
Filed: July 14, 2005 Examiner: Troy Chambers
Att. Docket No.: S1011/20221 Confirmation No.: 8712
For: MECHANISM FOR GAS OPERATED GUN

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.323

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Although the patentee, through its assignee, has characterized this Request for Certificate of Correction as being based upon a mistake by Applicants, patentee submits that a significant reason for the mistake was the result of numerous errors by the Examiner in preparing an Examiner's Amendment to place the application in condition for allowance.

Specifically, on June 27, 2005, Applicants filed a RESPONSE TO OFFICE ACTION AND AMENDMENT in the application that matured into the '343 patent; including amendments to claims 1 through 7 and cancellation of claim 8. A copy of the Response is attached hereto as Exhibit A.

As should be noted, in line 7 of Claim 1, the word - - when - - was mistyped as "whe4n."

On July 14, 2005 a Notice of Allowance and Fee(s) Due form was mailed from the United States Patent and Trademark Office and included an Examiner's Amendment to Claim 1. A copy of that Amendment is attached hereto as Exhibit B.

As should be noted, paragraph 2 of Exhibit B states that Claim 1 was being amended to replace "whe4n" with "when."

Based upon the above representation and a quick review of Claim 1 as presented in the Examiner's Amendment, it was apparent that the change identified in paragraph 2 of the Examiner's Amendment had been made. However, what was not apparent is that the Examiner made several errors in copying the remainder of claim 1.

Application Serial No: 10/775,756
U.S. Patent No: 6,986,343
Certificate of Correction Under 37 C.F.R. 1.323
Dated August 30, 2007

Recently, Applicants' recognized that the amended claim presented in the Examiner's Amendment included numerous typographical errors. Specifically, referring to the amended claim in the Examiner's Amendment, the following errors were made:

1. The phrase "hollow bolt slideably receiving a" bridging lines 2 and 3 should have been included before the word "bolt" in line 2;
2. In line 4, the phrase "guide when the trigger of the" was omitted between the words "bolt" and "gun";
3. In line 6 the phrase "guide when the trigger of the" and the phrase "in the" were improperly added;
4. In line 7, the phrase "in the" was improperly omitted after the word
- - not - -.

The enclosed Certificate of Correction includes all of the corrections identified above. The line numbers identified in the Certificate of Correction refer to the lines in the issued patent.

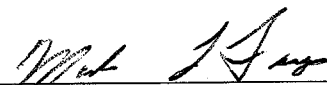
If the Office considers these typographical errors to be the mistake of Applicants, Applicants authorize the United States Patent and Trademark Office to charge the fee provided in 37 C.F.R. 1.20(a) to counsel's Deposit Account Number 03-0075.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN,
COHEN & POKOTILOW, LTD.

September 12, 2007

Please charge or credit our Account No. 03-0075 as necessary to effect entry and/or ensure consideration of this submission.

By 
Martin L. Faigus
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TFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the application of:

) Art Unit: 3641

) Martin Carnall

) Examiner: T. Chambers

) Serial No.: 10/775,756

) Filing Date: Feb. 9, 2004

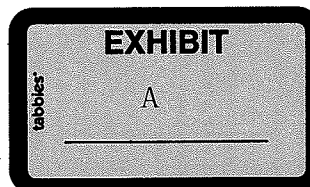
) Title: MECHANISM FOR GAS
) OPERATED GUN

RESPONSE TO OFFICE ACTION AND AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Honorable Commissioner:

Kindly accept this response to the office action
mailed by the Office June 3, 2005.



AMENDMENTS TO THE DRAWINGS

Kindly substitute Fig. 1 and Fig. 2 (sheet 1/1) supplied with this amendment for original Fig. 1 and Fig. 2.

AMENDMENTS TO THE SPECIFICATION

On page 4, line 12 change "O-ring seals (not shown)" to "O-ring seals 22".

AMENDMENTS TO THE CLAIMS

1. (currently amended): A mechanism for a gas operated gun having a housing and a trigger, the mechanism comprising a hollow bolt slideably receiving a bolt guide fixed relative to the gun housing, the bolt being adapted to move to a forward position on the bolt guide when the trigger of the gun is pulled and to a rear position on the bolt guide whe4n the trigger is released, the bolt having at least one radial bore at a position such that said bore is occluded by the bolt guide in the rear position of the bolt but not in the forward position of the bolt and a cylinder surrounding the bolt, the cylinder having a radial port communicating with a source of gas under pressure, ~~[characterised]~~ characterized in that in the forward position of the bolt said port is occluded by the bolt to isolate the cylinder from said source such that only compressed gas stored in the cylinder is allowed to escape through said bore.

2. (currently amended): A mechanism as claimed in claim 1, ~~[characterised]~~ characterized in that the bolt has a circumferential recess dimensioned to communicate the

interior of the cylinder with said source, the recess being in register with said port only when the bolt is in its rear position.

3. (currently amended): A mechanism as claimed in claim 1, ~~[characterised]~~ characterized in that said port is located in a rearward position of the cylinder and communicates with said source via a passageway external to the cylinder and extending axially thereof.

4. (currently amended): A mechanism as claimed in claim 1, ~~[characterised]~~ characterized in that means for displacing the bolt between its forward and rear positions surrounds the bolt guide behind said cylinder.

5. (currently amended): A mechanism as claimed in claim 1, ~~[characterised]~~ characterized in that said bore is one of an array of radial bores circumferentially spaced around the bolt.

6. (currently amended): A mechanism as claimed in claim 1, ~~[characterised]~~ characterized in that said port is a circumferential slot in a radial formation of the cylinder

which extends into contact with the periphery of the bolt except when in register with said circumferential recess thereof.

7. (currently amended): A mechanism as claimed in claim 1, ~~[characterised]~~ characterized in that the bolt guide has axially spaced circumferential grooves in which respective O-ring seals are located, the positioning of the grooves being such that in the rear position of the bolt said bore or bores thereof is or are between said seals but in the forward position of the bolt said bore or bores is or are in advance of the foremost of said seals.

8. (cancelled).

REMARKS

This is a response to the office action mailed June 3, 2005. The examiner objected to the drawings for not showing O-rings. New Fig. 1 and Fig. 2 are supplied showing O-rings as reference number 22. Kindly substitute this new drawing page (1/1) for the old one. The specification has been amended to include reference number 22.

The examiner objected to claim 1 as containing the word "read" instead of "rear". However, the applicant is unable to find this error either in the original specification or the preliminary amendment submitted with the original application.

The claims have been amended to change the British spelling of "characterised" to the American spelling of "characterized".

The examiner will now find that case is allowable and is requested to put the case into final condition for allowance at his earliest convenience.

Respectfully Submitted

Clifford Kraft

Clifford H. Kraft

Reg. No. 35,229

Attorney of Record

CORRESPONDENCE ADDRESS

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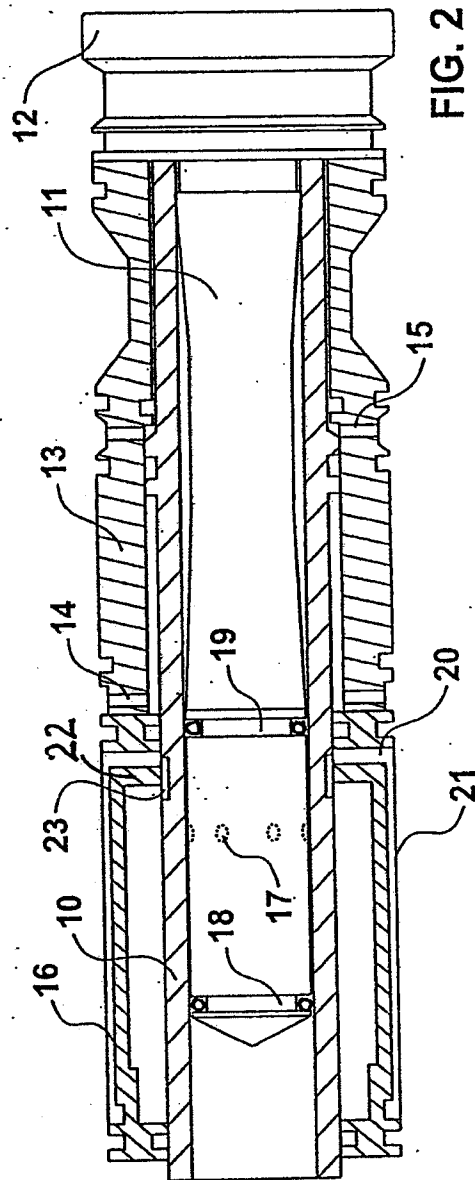
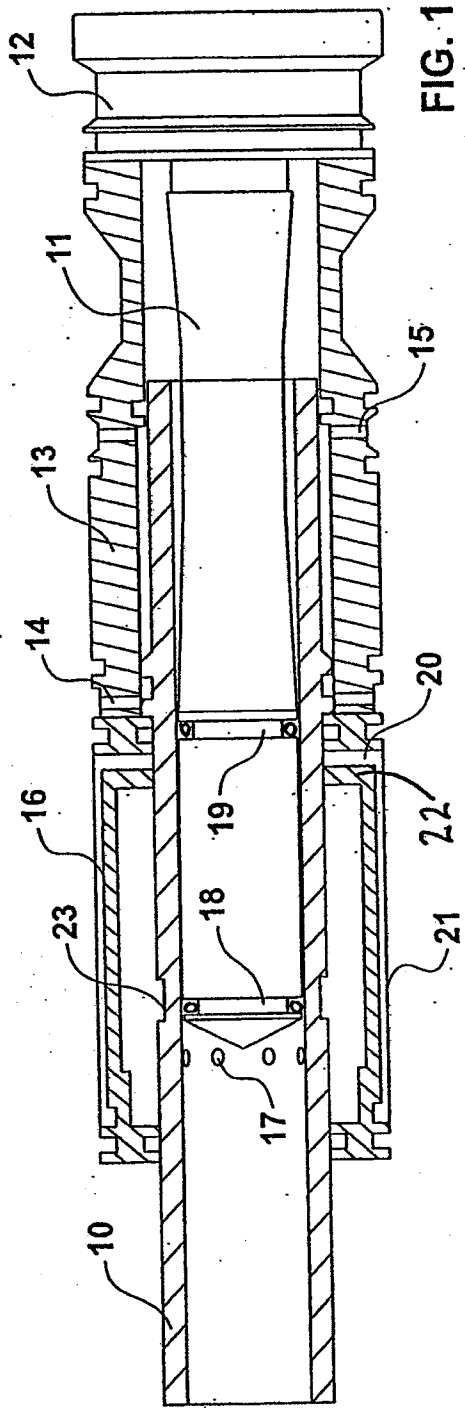
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Patents, P.O. Box 1450, Alexandria VA 22313-1450 on:

Date: JUNE 27, 2005

Signature: *Clifford Kraft*

Name: Clifford H. Kraft



EXAMINER'S AMENDMENT

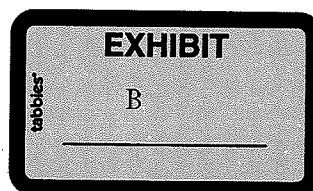
1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Clifford Kraft on 07/11/05.

Claim 1 should be amended to read as follows:

1. (currently amended): A mechanism for a gas operated gun having a housing and a trigger, the mechanism comprising a bolt guide fixed relative/hollow bolt slideably receiving a to the gun housing, the bolt being adapted to move to a forward position on the bolt gun is pulled and to a rear position on the bolt guide when the trigger is released, the bolt having at least one radial bore at a position such that said bore is occluded/guide when the trigger of the by the in the bolt guide in the rear position of the bolt but not forward position of the bolt and a cylinder surrounding the bolt, the cylinder having a radial port communicating with a source of gas under pressure, characterized in that in the forward position of the bolt said port is occluded by the bolt to isolate the cylinder from said source such that only compressed gas stored in the cylinder is allowed to escape through said bore.

2. The above claim was amended to replace "whe4n" with "when".



3. The following is an examiner's statement of reasons for allowance: The prior art does not disclose a hollow bolt having at least one radial bore and being slideably receiving a bolt guide, the bore being occluded by the bolt guide in a rear position of the bolt. For example, US 5769066 discloses a mechanism for a gas operated gun comprising a hollow bolt 20 adapted to move to a forward and rearward position (Figs. 22-24), a bolt guide 16, the bolt 20 having a plurality of radial bores 26 at a position such that said bores 26 is occluded by the bolt guide 16 (Figs. 22 and 24) in the rear position of the bolt but not in the forward position (Fig. 23) and a cylinder 108 surrounding the bolt 20, the cylinder having a radial port 104 communicating with a source of gas under pressure.

However, the bolt 20 does not slidingly receive the bolt guide 16 nor does the bolt when in the forward position occlude the radial port 104.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Troy Chambers whose telephone number is 571-272-6874. The examiner can normally be reached on 8 a.m. - 5 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael J. Carone can be reached on 703-308-5870. The fax phone

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Art Unit: 3641

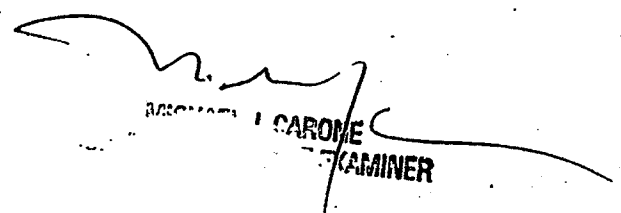
number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Troy Chambers
Examiner
Art Unit 3641



07/11/05



ASSOCIATE EXAMINER
CARONE
EXAMINER

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,986,343
APPLICATION NO.: 10/775,756
ISSUE DATE : January 17, 2006
INVENTOR(S) : Martin Carnall, Paul Gary

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please make the following amendment to Claim 1:

Line 2, insert - - hollow bolt slideably receiving a -- between the words "a" and "bolt";

Line 3, delete "hollow bolt slideably receiving a";

Line 5, insert -- guide when the trigger of the -- between "bolt" and "gun" - -;

Lines 7 and 8, delete "guide when the trigger of the";

Line 8, delete "in the " (first occurrence);

Line 9, insert -- in the -- after "not".

As amended, Claim 1 (currently amended) reads as follows: A mechanism for a gas operated gun having a housing and a trigger, a mechanism comprising a hollow bolt slideably receiving a bolt guide fixed relative ~~hollow bolt slideably receiving a~~ to the gun housing, the bolt being adapted to move to a forward position on the bolt guide when the trigger of the gun is pulled and to a rear position on the bolt guide when the trigger is released, the bolt having at least one radial bore at a position such that said bore is occluded ~~guide when the trigger of the~~ by the ~~in the~~ bolt guide in the rear position of the bolt but not in the forward position of the bolt and a cylinder surrounding the bolt, the cylinder having a radial port communicating with a source of gas under pressure, characterized in that in the forward position of the bolt said port is occluded by the bolt to isolate the cylinder from said source such that only compressed gas stored in the cylinder is allowed to escape through said bore.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Martin L. Faigus, Esquire
Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd.
11th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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The information provided by you in this form will be subject to the following routine uses:

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.